
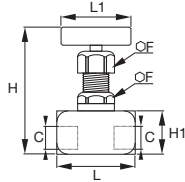




# Stainless Steel Needle Valves

## 0591 Needle Valve, Female BSPP Thread



	<p>Stainless steel 316L, PTFE</p> 	<b>C</b>			<b>F</b>	<b>H</b> min	<b>H</b> max	<b>H1</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		G1/8	3	0591 03 10	22	90	99	25	45	48	0.345
		G1/4	4	0591 04 13	22	90	99	25	50	48	0.356
		G3/8	5	0591 05 17	22	90	104	30	56	48	0.430
		G1/2	6	0591 06 21	22	90	104	30	62	48	0.483

# Needle Valves

Parker Legris compact needle valves can be installed in any system and are designed for applications requiring accurate **leak-free fluid control** and **excellent service life**.

## Product Advantages

- Robust and Easy-to-Use**
  - Accurate flow control
  - Forged brass for improved long-term mechanical strength
  - Robust stem for good operational reliability
  - Corrosion resistance
- Wide Range**
  - Two materials (nickel-plated brass and stainless steel) suitable for many applications
  - Numerous valve and safety accessory configurations



Pneumatics  
Water Circuits  
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Applications

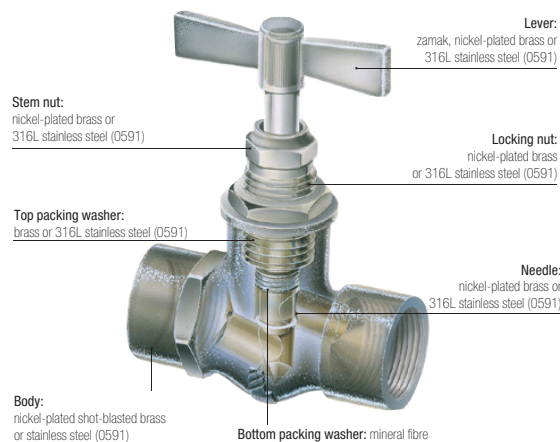
## Technical Characteristics

	Brass	Stainless Steel
<b>Compatible Fluids</b>	Compressed air, water, industrial fluids, etc. Other fluids: contact us	Many fluids
<b>Working Pressure</b>	0 to 120 bar	0 to 400 bar
<b>Working Temperature</b>	-20°C to +100°C (except model 0510)	-20°C to +180°C

Tightening Torques	Threads	G1/8	G1/4	G3/8	G1/2
	daN.m	0.10 to 0.20	0.10 to 0.20	0.15 to 0.25	0.20 to 0.35

Reliable performance is dependent upon the type of fluid conveyed.

### Component Materials



### Silicone-free

### Regulations

- DI: 97/23/EC (module PED A - diameters greater than 25 mm)
- DI: 2006/42/EC (Machinery Directive)
- DI: 2002/95/EC (RoHS)
- RG: 1907/2006 (REACH)